

## THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Patent Application of	) Group Art Unit: Unknown
DAVID JEREMY COPELAND et al.	) Examiner: Unknown
Application No. NEW	) <b>INFORMATION</b>
	) <b>DISCLOSURE</b>
	) <b>STATEMENT</b>
Filed: Herewith	) Patent Counsel
	) Applied Materials, Inc.
For: <b>METHOD AND APPARATUS</b>	) Legal Affairs Department
<b>FOR FAST SIGNAL CONVOLUTION</b>	) P.O. Box 450A
<b>USING SEPARATED-SPLINE KERNEL</b>	) Santa Clara, CA 95052
	) (408) 986-3509

Box PATENT APPLICATION  
 Commissioner for Patents  
 Washington, D.C. 20231

Sir:

Applicants submit herewith patents, publications or other information [attached hereto and listed on the attached Form PTO-1449 (modified)] of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

This Information Disclosure Statement:

- (a) ☒ accompanies the new patent application submitted herewith. 37 CFR § 1.97(a).
- (b) ☐ is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR § 1.491.
- (c) ☐ as far as is known to the undersigned, is filed before the mailing date of a first Office Action on the merits.

- (d) ☐ is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$240) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below.
- (e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and the Issue Fee has not been paid, and is accompanied by the fee (\$130) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

[If either of boxes (d) or (e) are checked above, the following "certification" under 37 CFR § 1.97(e) may need to be completed.] The undersigned certifies that:

- (f) ☐ Each item of information contained in the information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- (g) ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this information disclosure statement.

A list of the patent(s) or publication(s) is set forth on the attached Form PTO-1449 (Modified).

A copy of the items on PTO-1449 (Modified) is supplied herewith:

(h) ☒ each (i) ☐ none (j) ☐ only those listed below:

Those patent(s) or publication(s) which are marked with an asterisk (\*) in the attached form PTO-1449 (Modified) are not supplied because they were previously cited by or submitted to the Office in a prior application

no. , filed and relied upon in this application for an earlier filing date under 35 U.S.C. § 120.

A concise explanation of relevance of the items listed on form PTO-1449 (Modified) is:

- (k) ☒ not given
- (l) ☐ given for each listed item
- (m) ☐ given for only non-English language listed item(s)  
[Required]
- (n) ☐ is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

The Examiner is reminded that a "concise explanation of the relevance" of the submitted items "may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention," MPEP § 609.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

☐ The Commissioner is hereby authorized to charge our Deposit Account No. **50-1074** for any fees required in connection with the filing of this Information Disclosure Statement. **A duplicat copy of this Notic is enclosed for this purpos** . In particular, in the

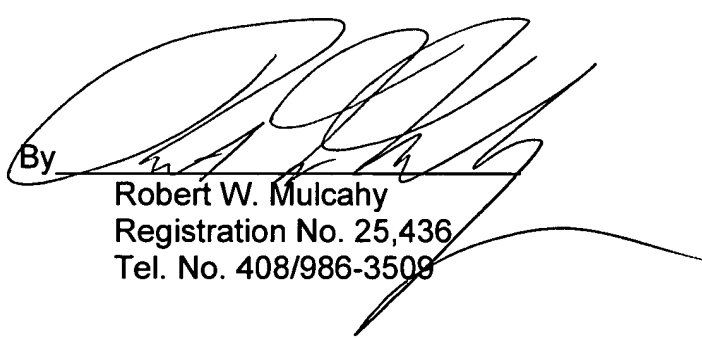
event that an Office Action has crossed in the mail with this Information Disclosure Statement, the Commissioner is authorized to charge the above-named deposit account for any fees required pursuant to CFR §§ 1.17(p) or 1.17(i)(1).

Respectfully submitted,

Dated: \_\_\_\_\_

5-29-01

By \_\_\_\_\_

  
Robert W. Mulcahy  
Registration No. 25,436  
Tel. No. 408/986-3509

Our File: 5240P01USA/ETEC/MBE



FORM PTO-1449 (Modified) U.S Dept. of Commerce (Rev. 7-80)                      Patent and Trademark Office				Atty Docket No. 5240P01USA/ETEC/ MBE		Appln. No. NEW	
<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)							
				Applicant(s) DAVID JEREMY COPELAND et al.			
				Filing Date Herewith		Group Unknown	
<b>U.S. PATENT DOCUMENTS</b>							
*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
	AA	4,646,256	02/24/87	Bracewell	364	725	03/19/84
	BB	4,720,871	01/19/88	Chambers	382	42	06/13/86
	CC	5,881,178	03/09/99	Tsykalov et al.	382	260	05/22/95
	DD	5,917,961	06/29/99	Huonder	382	279	10/30/96
	EE	5,926,580	07/20/99	McCoy	382	279	01/30/97
<b>FOREIGN PATENT DOCUMENTS</b>							
*Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation YES    NO
	FF						
<b>OTHER DOCUMENTS</b>							
	GG						
Examiner				Date Considered			
* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							